

# GUK IL KIM

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## EDUCATION

### University of California, Davis

Davis, CA

- 3.75 GPA | Bachelor of Science in Computer Science | Expected March 2023
- [Github] <https://github.com/DanielKim12>

## WORK EXPERIENCE

### Bioportal

Davis, CA

Software Engineer

10/1/2021 - 1/10/2022

- Technologies: Android studio, Flutter, Github, dart
- Implemented UI for the bioportal mobile app sign up page using Flutter/dart language.

### CodeLab

Davis, CA

Software Engineer

10/1/2020 - 3/1/2021

- Technologies: ReactJS, Bootstrap, HTML, CSS, Node.JS, Mongo.DB, Slack, Github, SQL
- Implemented CodeLab website, which has been used as a medium to influence hundreds of tech industry clients and prospective future CodeLab Associates
- Tested backend server with Insomnia, check if the JSON data were transmitting to the local server..
- Implemented CodeLab Website using React.JS with Grid properties and Bootstrap for the frontend ,MongoDB for the database, and NodeJS for the backend.
- Implemented website for a nonprofit client, Hands Together, which was built using ReactJS and Bootstrap to introduce the organization in wider aspects and to prospective future sponsors.

### Libretxt

Davis, CA

Software Engineer

12/1/2020 - 9/20/2021

- Technologies: Perl, LaTeX, HTML, Python web scraping
- Implemented online platform textbook projects by using Perl and LaTeX to construct structures and convert through HTML.
- Influenced millions of students by providing access to free and convenient educational resources.
- Fixed syntax errors that were being caused by bots using HTML properties and alerted supervisor and senior developers on the team to adjust the python script that was installed within the bot.

## SKILLS

ReactJS, Bootstrap, CSS, HTML, LaTeX, C++, Python, POSTGRES, AWS S3, R, SQL, SQLite, Node.JS, Mongo.DB, Flutter, Dart, SQLite, Python script, JS, SQLITE3, Flexbox, Github, Microsoft Office suite

## TECHNICAL PROJECTS

### [React] Water Level project | May.2022 - May. 2022

- Built a water level website using React.JS, HTML/CSS, and Javascript to display the water level content on the frontend. Implemented backend to call API for the reservoir data from the California Data Exchange Center and used state hook property to fetch and update the chart on the frontend .

The link: <https://waterlevel-frontend-ecs162-s22-11.ecs162-s22.repl.co/>

### [Full Stack] TIK-TOK pets project | April.2022 - April. 2022

- Implemented tiktok website using FLEXBOX/HTML/CSS to display the components on the frontend. Built pagerank algorithm to select the most liked video from the users using JS, SQLITE3, and TIKTOK API. The link: <https://tiktokpets-stage-3-guk-ilil.ecs162-s22.repl.co/>

### [Frontend] Hands-together website | Jan. 2021 - May. 2021

- Built a page of the website using React.JS and Bootstrap that displays sponsorships and details for the background of the organization. The reconstructed website increased the amount of visitors to the page by 40% and gained multiple sponsorship to help fundraisers. The link: <https://www.handstogether-sa.org/>

### [Frontend] Code-lab website | Dec.2020 - March. 2020

- Implemented a representative page for the codelab with frontend application using React.JS and Grid properties, the web is published and used to promote the stance of the club along with prospective to tech industry clients. The link: [www.codelabdavis.com](http://www.codelabdavis.com)